EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	1454	(current adj spread$3 or electrode) with (ITO or InO or SnO or ZnO) and (epi or epitaxial$3 or epitaxy) and @ad<"20030829"	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/19 12:22
L3	103	(current near spread$3) with (method or form$3) and @ad<"20030829" and (epitaxial$3 or epitaxy or epi) with (active or light) and (reflector or mirror)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/19 12:22
L4	1440	L2 not L3	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/19 12:22
L5	72	257/e51.021,e33.067,e33.064,e31.126,98,449, e31.126.ccls. and (current near spread$3) and @ad<"20030829" and epitaxial$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/19 12:22
L6	1436	L4 not L5	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/19 12:22
L7	72	257/e51.021,e33.067,e33.064,e31.126,98,449, e31.126.ccls. and (current near spread$3) and @ad<"20030829" and epitaxial$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/19 12:22
L8	1436	L6 not L7	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/19 12:22

L9	803	L8 and (mirror or reflect$3)	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/19 12:22
L10	72	257/e51.021,e33.067,e33.064,e31.126,98,449, e31.126.ccls. and (current near spread$3) and @ad<"20030829" and epitaxial$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/19 12:26
L11	103	(current near spread$3) with (method or form$3) and @ad<"20030829" and (epitaxial$3 or epitaxy or epi) with (active or light) and (reflector or mirror)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/19 12:26
S1	9	("20020074558" | "20020096687" | "20020137244" | "5115286" | "5861636" | "5889295" | "6403987" | "6420732" | "6878563").PN.	US-PGPUB; USPAT	OR	ON	2007/12/10 11:34
S2	11	("5157468" | "5210051" | "5376580" | "5625202" | "5661074" | "5780873" | "5786606" | "5862167" | "5874747" | "5928421" | "6060335").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/10 13:26
S3	165	current adj spreading near5 transparent	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/10 13:32
S4	76	current adj spreading near5 oxide	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/10 13:33
S5	0	("2004/0135166").URPN.	USPAT	OR	ON	2007/12/10 15:08
S6	1	"6847056".pn.	USPAT	OR	ON	2007/12/10 15:08
S7	3	("6057562" | "6420732" | "6459098").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/10 16:21
S8	1	"6614056".PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/10 16:21

S9	9	("5309001" | "5652434" | "5696389" | "5698865" | "5793405" | "5898185" | "5923052" | "5959316" | "6307218").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/10 16:43
S10	1	"6657236".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/10 16:43
S11	1	"6459098".pn.	US-PGPUB; USPAT	OR	ON	2007/12/10 19:13
S12	1	"6614056".pn.	US-PGPUB; USPAT	OR	ON	2007/12/10 19:36
S13	844	jacket adj layer	US-PGPUB; USPAT	OR	ON	2007/12/10 19:38
S14	61	jacket adj layer and semiconductor	US-PGPUB; USPAT	OR	ON	2007/12/10 19:38
S15	330	DBR near9 (conduct$3)	US-PGPUB; USPAT	OR	ON	2007/12/10 20:30
S16	70	DBR near9 (conduct$3) near3 electric$4	US-PGPUB; USPAT	OR	ON	2007/12/10 20:45
S17	1	current adj spread$3 with SnO near Sb	US-PGPUB; USPAT	OR	ON	2007/12/10 20:46
S18	3	current adj spread$3 with SnO	US-PGPUB; USPAT	OR	ON	2007/12/10 20:47
S19	4	SnO and Sb and current adj spread$3	US-PGPUB; USPAT	OR	ON	2007/12/10 20:48
S20	703	SnO and Sb	US-PGPUB; USPAT	OR	ON	2007/12/10 20:52
S21	2507	current adj spread$3	US-PGPUB; USPAT	OR	ON	2007/12/10 20:52
S22	1	current adj spread$3 with (tin adj4 oxide or stannous adj oxide) with antimony	US-PGPUB; USPAT	OR	ON	2007/12/10 20:53
S23	57	current adj spread$3 with (tin adj4 oxide or stannous adj oxide)	US-PGPUB; USPAT	OR	ON	2007/12/10 21:03

S24	8	current adj spread$3 with (tin adj4 oxide or stannous adj oxide) and (Sb or antimony)	US-PGPUB; USPAT	OR	ON	2007/12/10 21:24
S25	4	("5789768" | "5977565" | "6121635" | "6838705"). PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/10 21:04
S26	87	diffusion with (tin adj4 oxide or stannous adj oxide) and (Sb or antimony)	US-PGPUB; USPAT	OR	ON	2007/12/10 21:24
S27	18	diffusion with (tin adj4 oxide or stannous adj oxide) and (Sb or antimony) and (contact with reflect$3)	US-PGPUB; USPAT	OR	ON	2007/12/10 21:34
S28	17316	(tin adj4 oxide or stannous adj oxide) and (Sb or antimony)	US-PGPUB; USPAT	OR	ON	2007/12/10 21:34
S29	9217	(tin adj4 oxide or stannous adj oxide) with (Sb or antimony)	US-PGPUB; USPAT	OR	ON	2007/12/10 21:34
S30	0	(tin adj4 oxide or stannous adj oxide) with (Sb or antimony) with thermal adj conductivity	US-PGPUB; USPAT	OR	ON	2007/12/10 21:34
S31	148	(tin adj4 oxide or stannous adj oxide) with (Sb or antimony) with thermal	US-PGPUB; USPAT	OR	ON	2007/12/10 21:35
S32	0	(tin adj4 oxide or stannous adj oxide) with (Sb or antimony) with thermal adj conduct$3	US-PGPUB; USPAT	OR	ON	2007/12/10 21:35
S33	6	(tin adj4 oxide or stannous adj oxide) with (Sb or antimony) with heat near3 conduct$3	US-PGPUB; USPAT	OR	ON	2007/12/10 21:38
S34	46	(Sb or antimony) with heat near3 conduct$3	US-PGPUB; USPAT	OR	ON	2007/12/10 21:39
S35	7	(Sb or antimony) near5 heat near3 conduct$3	US-PGPUB; USPAT	OR	ON	2007/12/10 22:05
S36	1884	(Sb or antimony) near5 (good or improv$3)	US-PGPUB; USPAT	OR	ON	2007/12/10 22:05
S37	48	(Sb or antimony) near5 (good or improv$3) and contact near5 (reflect$3)	US-PGPUB; USPAT	OR	ON	2007/12/11 13:55
S38	22801	electrode near5 reflect$3	US-PGPUB; USPAT	OR	ON	2007/12/11 13:55
S39	1234	electrode near5 reflect$3 with improv$3	US-PGPUB; USPAT	OR	ON	2007/12/11 13:55

S40	461	electrode near5 reflect$3 near3 improv$3	US-PGPUB; USPAT	OR	ON	2007/12/11 13:55
S41	2	electrode near5 reflect$3 near3 improv$3 with (current adj spread$3)	US-PGPUB; USPAT	OR	ON	2007/12/11 14:03
S42	18	electrode near5 reflect$3 near3 improv$3 and (current adj spread$3)	US-PGPUB; USPAT	OR	ON	2007/12/11 14:13
S43	32	tunnel adj junction near5 AlGaAs	US-PGPUB; USPAT	OR	ON	2007/12/11 14:14
S44	0	tunnel adj junction near5 AlGaAs with (improv$3 or good or excellent)	US-PGPUB; USPAT	OR	ON	2007/12/11 14:15
S45	106	solder adj metallization	US-PGPUB; USPAT	OR	ON	2007/12/11 14:21
S46	17	solder adj metallization with substrate	US-PGPUB; USPAT	OR	ON	2007/12/11 14:21
S47	0	solder adj metallization with substrate with improv$3	US-PGPUB; USPAT	OR	ON	2007/12/11 14:21
S48	17	solder adj metallization with substrate	US-PGPUB; USPAT	OR	ON	2007/12/11 14:21
S49	1	"20020131462"	US-PGPUB; USPAT	OR	ON	2007/12/11 15:14
S50	1	"6573537".pn.	US-PGPUB; USPAT	OR	ON	2007/12/11 15:50
S51	170527	aluminum near5 current spreading	US-PGPUB; USPAT	OR	ON	2007/12/11 15:50
S52	10	aluminum near5 current adj spreading	US-PGPUB; USPAT	OR	ON	2007/12/11 15:50
S53	1	"6515308".pn.	US-PGPUB; USPAT	OR	ON	2008/08/11 12:05
S54	0	"2002137244"	US-PGPUB; USPAT	OR	ON	2008/08/11 12:31
S55	0	"2002137243"	US-PGPUB; USPAT	OR	ON	2008/08/11 12:33

S56	83	chen-chien-an.in.	US-PGPUB; USPAT	OR	ON	2008/08/11 12:34
S57	42818	(ITO or InO or SnO) with (current adj spread$3 or electrode) and @ad<"20090829"	US-PGPUB; USPAT	OR	ON	2008/08/11 16:29
S58	18	(ITO and InO and SnO) with (current adj spread$3 or electrode) and @ad<"20090829"	US-PGPUB; USPAT	OR	ON	2008/08/11 16:29
S59	7	(ITO and InO and SnO) with (current adj spread$3 or electrode) and @ad<"20030829"	US-PGPUB; USPAT	OR	ON	2008/08/11 16:30
S60	2	(ITO and InO and SnO) with (current adj spread$3) and @ad<"20030829"	US-PGPUB; USPAT	OR	ON	2008/08/11 16:39
S61	34	(ITO or InO or SnO) with (current adj spread$3) and @ad<"20030829"	US-PGPUB; USPAT	OR	ON	2008/08/11 16:39
S62	3	("6057562" | "6420732" | "6459098").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/08/11 16:51
S63	360	(noto-nobuhiko or yamada-masato or endo-masahisa or ikeda-hitoshi or nozaki-shinji or uchida-kazuo or norisaki-hiroshi).in.	US-PGPUB; USPAT	OR	ON	2008/08/11 17:49
S64	267	(noto-nobuhiko or yamada-masato or endo-masahisa or ikeda-hitoshi or nozaki-shinji or uchida-kazuo or norisaki-hiroshi).in. and @ad<"20030829"	US-PGPUB; USPAT	OR	ON	2008/08/11 17:49
S65	24	(noto-nobuhiko or yamada-masato or endo-masahisa or ikeda-hitoshi or nozaki-shinji or uchida-kazuo or norisaki-hiroshi).in. and @ad<"20030829" and (ITO or transparent near3 (conductive or electrode) or current adj spread$3)	US-PGPUB; USPAT	OR	ON	2008/08/11 17:50
S66	1	"5889295".pn.	US-PGPUB; USPAT	OR	ON	2008/08/11 18:19
S67	1	"5861636".pn.	US-PGPUB; USPAT	OR	ON	2008/08/11 18:25
S68	0	(current adj spreading near5 SnO near5 Sb) and thick$4 near5 (n-type or p-type) and @ad<"20030829"	US-PGPUB; USPAT	OR	ON	2008/08/11 18:58

S69	0	(current adj spreading near5 SnO near5 Sb) and thick $4 near5 (n adj3 type or p adj3 type) and @ad<"20030829"	US-PGPUB; USPAT	OR	ON	2008/08/11 18:59
S71	0	(current adj spreading near5 SnO near5 Sb) and thick $4 and @ad<"20030829"	US-PGPUB; USPAT	OR	ON	2008/08/11 19:01
S72	0	(current adj spreading near5 (SnO and Sb)) and thick $4 and @ad<"20030829"	US-PGPUB; USPAT	OR	ON	2008/08/11 19:01
S73	2	(conductive near5 (SnO and Sb)) and thick$4 and @ad<"20030829"	US-PGPUB; USPAT	OR	ON	2008/08/11 19:02
S74	11	(conductive with (SnO and Sb)) and thick$4 and @ad<"20030829"	US-PGPUB; USPAT	OR	ON	2008/08/11 19:02
S75	9	S74 not S73	US-PGPUB; USPAT	OR	ON	2008/08/11 19:03
S76	0	(current adj spreading with (SnO and Sb)) and thick $4 and @ad<"20030829"	US-PGPUB; USPAT	OR	ON	2008/08/11 19:04
S77	0	(current adj spreading with (SnO and Sb)) and @ad<"20030829"	US-PGPUB; USPAT	OR	ON	2008/08/11 19:04
S78	1	(current adj spreading with (SnO and Sb))	US-PGPUB; USPAT	OR	ON	2008/08/11 19:04
S79	0	(SnO with Sb) with (n adj3 layer or p adj3 layer) and @ad<"20030829"	US-PGPUB; USPAT	OR	ON	2008/08/11 19:06
S80	110	(SnO with Sb) and @ad<"20030829"	US-PGPUB; USPAT	OR	ON	2008/08/11 19:06
S81	8	(SnO with Sb) with (current or conduct$3) and @ad<"20030829"	US-PGPUB; USPAT	OR	ON	2008/08/11 19:08
S82	86	solder adj metallization and @ad<"20030829"	US-PGPUB; USPAT	OR	ON	2008/08/11 19:18
S83	887	jacket adj layer	US-PGPUB; USPAT	OR	ON	2008/08/11 19:56
S84	643	jacket adj layer and @ad<"20030829"	US-PGPUB; USPAT	OR	ON	2008/08/11 19:57

S85	37	jacket adj layer and @ad<"20030829" and semiconductor	US-PGPUB; USPAT	OR	ON	2008/08/11 19:57
S86	5	lattice near $3match$3 with (GaP or AlGaAs) with ITO	US-PGPUB; USPAT	OR	ON	2008/08/12 12:02
S87	4	lattice near $3match$3 with (GaP or GaAlAs) with ITO	US-PGPUB; USPAT	OR	ON	2008/08/12 12:04
S88	0	lattice near $3match$3 with (GaAlAs) with ITO	US-PGPUB; USPAT	OR	ON	2008/08/12 12:04
S89	1	"5861636".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2008/08/12 14:51
S90	1	10/567883	US-PGPUB; USPAT	OR	ON	2009/03/16 19:16
S91	0	257/e51.021,333.067,333.064,331.126,98.ccls. and current near spread$3 with (ZnO or zinc adj oxide) and current near spread$3 with (SnO or tin adj oxide) and @ad<"20030829"	US-PGPUB; USPAT	OR	ON	2009/03/16 19:29
S92	3	current near spread$3 with (ZnO or zinc adj oxide) and current near spread$3 with (SnO or tin adj oxide) and @ad<"20030829" and epitaxial$3	US-PGPUB; USPAT	OR	ON	2009/03/16 19:30
S93	142	(conducting or conductive) with (ZnO or zinc adj oxide) and (conducting or conductive) with (SnO or tin adj oxide) and @ad<"20030829" and epitaxial$3	US-PGPUB; USPAT	OR	ON	2009/03/16 19:34
S94	4	257/e51.021,333.067,333.064,331.126,98.ccls. and (conducting or conductive) with (ZnO or zinc adj oxide) and (conducting or conductive) with (SnO or tin adj oxide) and @ad<"20030829" and epitaxial$3	US-PGPUB; USPAT	OR	ON	2009/03/16 19:35
S95	138	S93 not S94	US-PGPUB; USPAT	OR	ON	2009/03/16 19:49
S96	861	(tin adj oxide) with ((indium adj tin adj oxide) or (cadmium adj tin adj oxide) or (antimony adj tin adj oxide) or (zinc adj tin adj oxide)) with (equivalent or "same" or better or higher) and @ad<"20030829"	US-PGPUB; USPAT	OR	ON	2009/03/17 13:19

S97	215	"257".clas. and (tin adj oxide) with ((indium adj tin adj oxide) or (cadmium adj tin adj oxide) or (antimony adj tin adj oxide) or (zinc adj tin adj oxide)) with (equivalent or "same" or better or higher) and @ad<"20030829"	US-PGPUB; USPAT	OR	ON	2009/03/17 13:20
S98	19	"257".clas. and ("SnO.sub.2" or SnO) with ((indium adj tin adj oxide) or (cadmium adj tin adj oxide) or (antimony adj tin adj oxide) or (zinc adj tin adj oxide)) with (equivalent or "same" or better or higher) and @ad<"20030829"	US-PGPUB; USPAT	OR	ON	2009/03/17 13:25
S99	1	"20040090779"	US-PGPUB; USPAT	OR	ON	2009/03/17 14:15
S100	10	(indium adj tin adj oxide) with (zinc adj oxide or ZnO) with transparent with (visible near2 light or wavelength) and @ad<"20030829"	US-PGPUB; USPAT	OR	ON	2009/03/17 14:50
S101	1	"20020137244"	US-PGPUB; USPAT	OR	ON	2009/03/17 17:03
S102	1	"20040090779"	US-PGPUB; USPAT	OR	ON	2009/03/17 17:06
S103	10368	(clad or cladding) near8 (thick or thickness) and @ad<"20030829"	US-PGPUB; USPAT	OR	ON	2009/03/17 17:08
S104	650	(clad or cladding) near8 (thick or thickness) and @ad<"20030829" and (lattice near2 mismatch$3)	US-PGPUB; USPAT	OR	ON	2009/03/17 17:15
S105	88	(clad or cladding) near8 (thick or thickness) and @ad<"20030829" and (lattice near2 mismatch$3) with epitaxial	US-PGPUB; USPAT	OR	ON	2009/03/17 17:16
S106	6	(clad or cladding) near8 (thick or thickness) and @ad<"20030829" and (lattice near2 mismatch$3) with (ZnO or zinc adj oxide or tin adj oxide or SnO) and nitride	US-PGPUB; USPAT	OR	ON	2009/03/17 17:20
S107	532	(clad or cladding) near8 (thick or thickness) with (GaN) and @ad<"20030829"	US-PGPUB; USPAT	OR	ON	2009/03/17 17:32
S108	0	substrate with (metallization near2 solder) and (gallium adj nitride) and @ad<"20030829"	US-PGPUB; USPAT	OR	ON	2009/03/17 17:46

S109	116	substrate with (metallization) and (gallium adj nitride) and @ad<"20030829"	US-PGPUB; USPAT	OR	ON	2009/03/17 17:47
S110	4815	(indium adj tin adj oxide or zinc adj oxide or ZnO) with sputter$3 and @ad<"20030829"	US-PGPUB; USPAT	OR	ON	2009/03/17 18:01
S111	1845	(indium adj tin adj oxide or zinc adj oxide or ZnO) near3 sputter$3 and @ad<"20030829"	US-PGPUB; USPAT	OR	ON	2009/03/17 18:01
S112	29	(indium adj tin adj oxide or zinc adj oxide or ZnO) near3 sputter$3 and @ad<"20030829" and (AlGaAs or aluminum adj gallium adj arsenide)	US-PGPUB; USPAT	OR	ON	2009/03/17 18:02
S113	34	(indium adj tin adj oxide or zinc adj oxide or ZnO) with mismatch$3 with (GaN or gallium adj nitride) and @ad<"20030829"	US-PGPUB; USPAT	OR	ON	2009/03/17 18:18
S114	118	@ad<"20030829" and (AlGaAs or aluminum adj gallium adj arsenide) same (ZnO or zinc adj oxide)	US-PGPUB; USPAT	OR	ON	2009/03/17 18:25
S115	17	(conducting or conductive) with (ZnO or zinc adj oxide) and (conducting or conductive) with (SnO or tin adj oxide) and @ad<"20030829" and epitaxial$3 and (AlGaAs or aluminum adj gallium adj arsenide)	US-PGPUB; USPAT	OR	ON	2009/03/17 18:28
S116	0	"466784".pn.	US-PGPUB; USPAT	OR	ON	2009/03/17 18:29
S117	1	10/567883	US-PGPUB; USPAT	OR	ON	2009/03/17 19:38
S118	1	257/e51.021,e33.067,e33.064,e31.126,98,449, e31.126.ccls. and (current near3 spread$3) with (ZnO or zinc adj oxide or indium adj tin adj oxide or ITO) and (current near3 spread$3) with (SnO or tin adj oxide) and @ad<"20030829" and epitaxial$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/06 10:22
S119	72	257/e51.021,e33.067,e33.064,e31.126,98,449, e31.126.ccls. and (current near spread$3) and @ad<"20030829" and epitaxial$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/06 10:26

S120	3	"6611539".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/06 10:44
S121	2	(epitaxy or epitaxial) with (current near spread or ohmic) with (disadvantage)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/06 11:36
S122	2614	(epitaxy or epitaxial) with (current near spread or ohmic)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/06 11:37
S123	1108	(epitaxy or epitaxial) near5 (current near spread or ohmic)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/06 11:37
S124	13	(epitaxy or epitaxial) near5 (current near spread)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/06 11:37
S125	457	(current near spread$3) and @ad< "20030829" and (epitaxial$3 or epitaxy or epi) and (reflector or mirror)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/09 11:05

S126	72	257/e51.021,e33.067,e33.064,e31.126,98,449, e31.126.ccls. and (current near spread$3) and @ad<"20030829" and epitaxial$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/09 11:05
S127	406	S125 not S126	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/09 11:05
S128	295	(current near spread$3) and @ad<"20030829" and (epitaxial$3 or epitaxy or epi) with (active or light) and (reflector or mirror)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/09 11:06
S129	4	(current near spread$3) with (non-epi or non-epitaxial) and @ad<"20030829" and (epitaxial$3 or epitaxy or epi) with (active or light) and (reflector or mirror)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/09 11:06
S130	72	257/e51.021,e33.067,e33.064,e31.126,98,449, e31.126.ccls. and (current near spread$3) and @ad<"20030829" and epitaxial$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/10 14:15
S131	295	(current near spread$3) and @ad<"20030829" and (epitaxial$3 or epitaxy or epi) with (active or light) and (reflector or mirror)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/10 14:15

S132	252	S131 not S130	US-PGPUB; USPAT	OR	ON	2009/11/10 14:15
S133	103	(current near spread$3) with (method or form$3) and @ad<"20030829" and (epitaxial$3 or epitaxy or epi) with (active or light) and (reflector or mirror)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/10 14:16
S134	85	S133 not S130	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/10 14:17
S135	2	"20040075102"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/10 16:29
S136	1	10/567883	US-PGPUB; USPAT	OR	ON	2009/11/13 16:25
S137	2	"20030206741"	US-PGPUB; USPAT	OR	ON	2009/11/13 16:59
S138	1	"20040075102"	US-PGPUB; USPAT	OR	ON	2009/11/13 17:06
S139	210	thick$4 near5 AlGaInP and @ad< "20030829"	US-PGPUB; USPAT	OR	ON	2009/11/13 18:14
S140	1	"2002308956"	JPO	OR	ON	2009/11/13 19:46
S141	1	"2002308970"	JPO	OR	ON	2009/11/13 19:46
S142	1	"2002308989"	JPO	OR	ON	2009/11/13 19:47

S143	27	(Stein-wilhelm or windisch-reiner or wirth-ralph or pietzonka-ines).in. and (ITO or transparent near3 (conductive or electrode) or current adj spread$3)	US-PGPUB; USPAT	OR	ON	2009/11/13 21:00
S148	4	(ITO with InO with SnO) with (electrode) and @ad<"20030829"	US-PGPUB; USPAT	OR	ON	2009/11/14 16:59
S149	1452	(current adj spread$3 or electrode) with (ITO or InO or SnO or ZnO) and (epi or epitaxial$3 or epitaxy) and @ad<"20030829"	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/14 17:34
S150	103	(current near spread$3) with (method or form$3) and @ad<"20030829" and (epitaxial$3 or epitaxy or epi) with (active or light) and (reflector or mirror)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/14 17:35
S151	1438	S149 not S150	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/14 17:35
S152	72	257/e51.021,e33.067,e33.064,e31.126,98,449, e31.126.ccls. and (current near spread$3) and @ad<"20030829" and epitaxial$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/14 17:35
S153	1434	S151 not S152	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/14 17:35
S154	72	257/e51.021,e33.067,e33.064,e31.126,98,449, e31.126.ccls. and (current near spread$3) and @ad<"20030829" and epitaxial$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/14 17:36
S155	1434	S153 not S154	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/14 17:36
S156	801	S155 and (mirror or reflect$3)	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/14 17:39

EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	18	(current near spread$4 and (epi or epitaxy or epitaxial) and (mirror or reflect$3) and (light near emitt$3 or electromagnetic)).clm.	US-PGPUB	OR	ON	2010/01/19 12:18
S144	0	(current near spread$4 with metal near oxide and (epi or epitaxy or epitaxial) and (mirror or reflect$3)).clm.	US-PGPUB	OR	ON	2009/11/13 21:15
S145	3	(current near spread$4 with (ITO) and (epi or epitaxy or epitaxial) and (mirror or reflect$3)).clm.	US-PGPUB	OR	ON	2009/11/13 21:16
S146	1	"20030206741"	US-PGPUB	OR	ON	2009/11/13 21:59
S147	2	"20030206741"	US-PGPUB; USPAT; UPAD	OR	ON	2009/11/13 21:59

1/19/2010 12:59:47 PM
C:\ Documents and Settings\ fyeunglopez\ My Documents\ EAST\ Workspaces\ 10567883.wsp